



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 83 37 08

Classification of the application (IPC):
H04B 7/06, H04B 7/0408, H04B 7/0417

Technical fields searched (IPC):
H04B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2020022000 A1 (VENUGOPAL KIRAN [US] ET AL) 16 January 2020 (2020-01-16)	1-4, 6-11, 13-15
A	* abstract * * paragraphs [0004], [0052], [0056] - [0062], [0064] - [0067] * * figures 3,7 *	5, 12
X	US 2019349031 A1 (XIANG GAO [CN] ET AL) 14 November 2019 (2019-11-14)	1-4, 6-11, 13-15
A	* paragraphs [0008] - [0010], [0013], [0089], [0091], [0101], [0116], [0131], [0132], [0135] * * claims 1,6,7,8 * * figure 3 *	5, 12
A	INTEL CORPORATION: "On Beam Management Enhancement" , 3GPP DRAFT; 54_R1-1904314 ON BEAM MANAGEMENT ENHANCEMENT, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 07 April 2019 (2019-04-07), vol. RAN WG1, no. Xi'an, China; 20190408 - 20190412 URL: http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/R1%2D1904314%2Ezip [retrieved on 07 April 2019 (2019-04-07)] XP051699616 * the whole document *	1-15
A	HUAWEI ET AL: "UL/DL BM for latency/overhead reduction" , 3GPP DRAFT; R1-1903974, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 07 April 2019 (2019-04-07), vol. RAN WG1, no. Xi'an, China; 20190408 - 20190412 URL: http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/R1%2D1903974%2Ezip [retrieved on 07 April 2019 (2019-04-07)] XP051699387 * the whole document *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 29 July 2024	Examiner Murcia Martinez, J
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CATEGORY OF CITED DOCUMENTS

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 29-07-2024
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2020022000	A1	16-01-2020	CN	112368949 A	12-02-2021
			EP	3824563 A1	26-05-2021
			US	2020022000 A1	16-01-2020
			WO	2020018265 A1	23-01-2020
US 2019349031	A1	14-11-2019	CN	108347272 A	31-07-2018
			EP	3562055 A1	30-10-2019
			US	2019349031 A1	14-11-2019
			WO	2018137484 A1	02-08-2018